

Rabbit KIF14 Polyclonal Antibody | anti-KIF14 antibody

KIF14 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30588	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

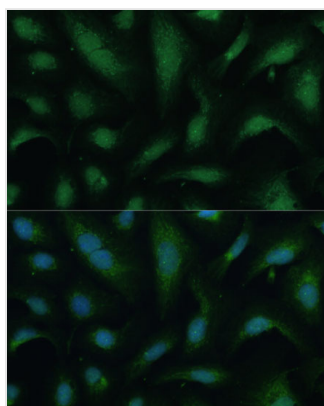
PRODUCT SYNONYMS

KIF14; Polyclonal Antibody; KIF14 Rabbit Polyclonal Antibody; MKS12; anti-KIF14 antibody

PRODUCT SPECIFICATIONS

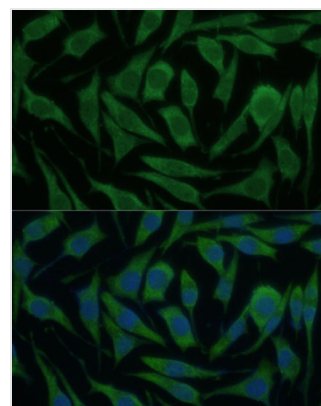
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-KIF14 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human KIF14 (NP_055690.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



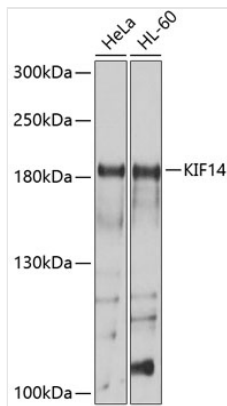
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using KIF14 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



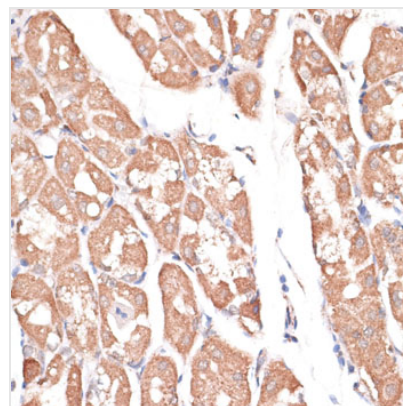
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using KIF14 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



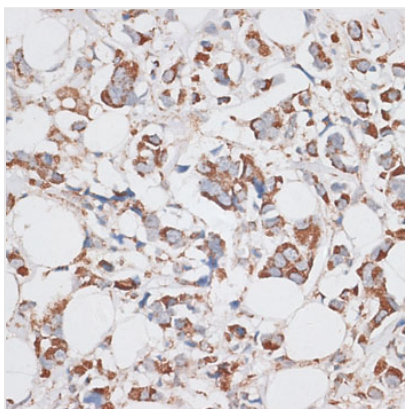
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KIF14 at 1:1000 dilution.



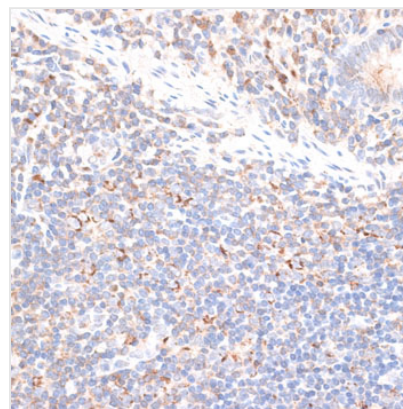
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using KIF14 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using KIF14 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human appendix using KIF14 at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-KIF14 antibody	This gene encodes a member of the kinesin-3 superfamily of microtubule motor proteins. These proteins are involved in numerous processes including vesicle transport, chromosome segregation, mitotic spindle formation, and cytokinesis. In human HeLa-S3 and 293T cells, this protein is localized to the cytoplasm during interphase, to the spindle poles and spindle microtubules during mitosis, and to the midbody during cytokinesis. An internal motor domain displays microtubule-dependent ATPase activity, consistent with its function as a microtubule motor protein. Knockdown of this gene results in failed cytokinesis with endoreplication, which results in multinucleated cells. This gene has been identified as a likely oncogene in breast, lung and ovarian cancers, as well as retinoblastomas and gliomas. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-KIF14 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	119611721
NCBI GeneID	9928
UniProt Accession #	Q15058 ; Q14CI8 ; Q4G0A5 ; Q5T1W3
Molecular Weight	186,492 Da
NCBI Official Full Name	kinesin family member 14, isoform CRA_a
NCBI Official Synonym Full Names	kinesin family member 14
NCBI Official Symbol	KIF14

NCBI Protein Information	kinesin-like protein KIF14
UniProt Protein Name	Kinesin-like protein KIF14
UniProt Gene Name	KIF14
UniProt Synonym Gene Names	KIAA0042
UniProt Entry Name	KIF14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kif14-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30588>